

Marcio G. von Muhlen

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Interests	Lab on a chip, systems biology, synthetic biology, healthcare informatics	
Education	Ph.D. , Biological Engineering Massachusetts Institute of Technology GPA 4.9/5.0	Expected 6/2009
	B.S. , Bioengineering University of California, Berkeley GPA 3.56/4.0	Awarded 5/2005
Experience	Graduate Research Assistant	1/2006 - present
	The Nanoscale Sensing Group, led by Prof. Scott Manalis The Sasisekharan Laboratory, led by Prof Ram Sasisekharan The Department of Biological Engineering, MIT • Constructed a Suspended Microchannel Resonator Device to study binding interactions of Heparin and derivatives and Heparan Sulfate • Designed, executed and analyzed experiments utilizing custom built microfluidic, optics, electronics, and software platforms	
	Residential Advisor	8/2006 - present
	The Delta Upsilon Fraternity, Technology Chapter, 526 Beacon St, Boston • Live-in mentor to undergraduate students	
	Bartender	5/2006 - present
	The Muddy Charles Pub, Walker Memorial Building, MIT • Thursday night live music organizer and shift leader	
	Undergraduate Researcher	5/2003 - 8/2005
Teaching	The Fletcher Laboratory, led by Prof. Daniel Fletcher The Department of Bioengineering, UC Berkeley • Developed the Microjet injector, a needle free drug delivery device	
	Teaching Assistant	8/2006 - 12/2006
	The Department of Biological Engineering, MIT 20.309J, Biological Engineering II: Instrumentation and Measurement	
	Patents	High Speed Jet Devices for Drug Delivery Marcio von Muhlen, Laleh Jalilian, Menzies Chen, Ravi Srinivasan, Daniel Fletcher Pending, filed June 20 th , 2006
Honors	• National Institute of Health Biotechnology Training Program Fellowship, 2005-present • Massachusetts Institute of Technology Presidential Fellow, 2005-2006 • University of California Regents'/Chancellor's Scholar, 2001-2005 • Best Research Poster Award, University of California Bioengineering Symposium, UC Irvine (\$500), 2004	
Professional	Dual-Citizen, Brazil and Italy (European Union) Permanent Resident of the USA since 10/2004	
Languages	Native speaker of English and Portuguese, conversational in Spanish	